

L Number	Hits	Search Text	DB	Time stamp
1	4	(Yoon.in.) and (LCD or (liquid adj crystal\$6) or cholesteric or nematic or smectic) and (surfactant or DMSO or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimethylsiloxane or (dimethyl adj siloxane))	USPAT; US-PGPUB	2003/09/29 08:44
2	4	(Yoon.in.) and (LCD or (liquid adj crystal\$6) or cholesteric or nematic or smectic) and (surfactant or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimethylsiloxane or (dimethyl adj siloxane))	EPO; JPO; DERWENT; IBM_TDB	2003/09/29 08:42
3	4	(Yoon) and (LCD or (liquid adj crystal\$6) or cholesteric or nematic or smectic) and (surfactant or amphiphilic or dimethylsiloxane or (dimethyl adj siloxane) or dimethylsiloxane or (dimethyl adj siloxane))	EPO; JPO; DERWENT; IBM_TDB	2003/09/29 08:42
4	3	"20020113765" or "20020051105" or "20020135719"	USPAT; US-PGPUB	2003/09/29 08:44
5	0	("20020113765" or "20020051105" or "20020135719") and ((hydrophobi\$7 near4 hydrophili\$7) or surfactant or amphiphilic\$6 or dimethylsiloxane or (dimethyl adj siloxane))	USPAT; US-PGPUB	2003/09/29 08:49
6	4716	(427/508,512,553,558,384,385.5).CCLS.	USPAT; US-PGPUB	2003/09/29 08:46
7	2360	(427/162,163.1,164,165).CCLS.	USPAT; US-PGPUB	2003/09/29 08:46
8	722	(427/355,368).CCLS.	USPAT; US-PGPUB	2003/09/29 08:47
9	941	(427/402).CCLS.	USPAT; US-PGPUB	2003/09/29 08:47
10	894	(428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.	USPAT; US-PGPUB	2003/09/29 08:48
11	699	(252/299.3,299.4,299.5).CCLS.	USPAT; US-PGPUB	2003/09/29 08:48
12	2329	(349/96,104,105,106,113,117).CCLS.	USPAT; US-PGPUB	2003/09/29 08:48
13	87	(349/191).CCLS.	USPAT; US-PGPUB	2003/09/29 08:48
14	366	(349/124,126).CCLS.	USPAT; US-PGPUB	2003/09/29 08:49
15	12371	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)	USPAT; US-PGPUB	2003/09/29 08:49
16	7	((349/191).CCLS.) and ((hydrophobi\$7 near4 hydrophili\$7) or surfactant or amphiphilic\$6 or dimethylsiloxane or (dimethyl adj siloxane))	USPAT; US-PGPUB	2003/09/29 08:51
18	1	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.) and (((liquid adj crystal\$6) or cholesteric or nematic or smectic) with (dimethylsiloxane or (dimethyl adj siloxane)))	USPAT; US-PGPUB	2003/09/29 09:23

17	119	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (((liquid adj crystal\$6) or cholesteric or nematic or smectic) with (surfactant or amphiphilic\$5 or dimethylsiloxane or (dimethyl adj siloxane) or (air adj interface near2 (align\$5 or agent))))	USPAT; US-PGPUB	2003/09/29 09:16
19	871	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (((liquid adj crystal\$6) or cholesteric or nematic or smectic) same (surfactant or amphiphilic\$5 or dimethylsiloxane or (dimethyl adj siloxane) or (air adj interface near2 (align\$5 or agent))))	EPO; JPO; DERWENT; IBM_TDB	2003/09/29 09:24
20	804	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (((liquid adj crystal\$6) or cholesteric or nematic or smectic) same (surfactant or dimethylsiloxane or (dimethyl adj siloxane) or (air adj interface near2 (align\$5 or agent))))	EPO; JPO; DERWENT; IBM_TDB	2003/09/29 09:17
21	19	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (((liquid adj crystal\$6) or cholesteric or nematic or smectic) same (dimethylsiloxane or (dimethyl adj siloxane) or (air adj interface near2 (align\$5 or agent))))	EPO; JPO; DERWENT; IBM_TDB	2003/09/29 11:24
22	11	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (((liquid adj crystal\$6) or cholesteric or nematic or smectic) same ((air adj interface near2 (align\$5 or agent))))	USPAT; US-PGPUB	2003/09/29 09:21
23	2	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (((liquid adj crystal\$6) or cholesteric or nematic or smectic) same (dimethylsiloxane or (dimethyl adj siloxane) or (air adj interface near2 (align\$5 or agent)))) same additive	USPAT; US-PGPUB	2003/09/29 09:24
24	51	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (((liquid adj crystal\$6) or cholesteric or nematic or smectic) same (surfactant with (amphiphilic or (hydrophob\$9 near4 hydrophilic\$7))))	EPO; JPO; DERWENT; IBM_TDB	2003/09/29 09:54
25	4248	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (surfactant with (dimethylsiloxane or (dimethyl adj siloxane) or (air adj interface near2 (align\$5 or agent)))) same additive	USPAT; US-PGPUB	2003/09/29 09:56
26	479	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (surfactant with (amphiphilic and (hydrophob\$9 near7 hydrophilic\$7))))	USPAT; US-PGPUB	2003/09/29 10:16
27	5	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (surfactant with (dimethylsiloxane or (dimethyl adj siloxane) or (air adj interface near2 (align\$5 or agent)))) same additive	USPAT; US-PGPUB	2003/09/29 10:37
28	3	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (compensat\$5 with (nematic and cholesteric with smectic))	USPAT; US-PGPUB	2003/09/29 10:39
29	6	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (compensat\$5 with (nematic and cholesteric with smectic))	USPAT; US-PGPUB	2003/09/29 10:46
30	8	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (compensat\$5 with (nematic and cholesteric with smectic))	USPAT; US-PGPUB	2003/09/29 10:42
31	6	((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)) and (compensat\$5 with (nematic and cholesteric with smectic)) not ((compensat\$5 with (nematic and cholesteric and smectic)))	USPAT; US-PGPUB	2003/09/29 10:43

32	8	"9800475"	EPO; JPO; DERWENT; IBM_TDB	2003/09/29 10:46
33	50	(compensat\$5 with (smectic))	USPAT; US-PGPUB	2003/09/29 10:46
34	0	5413657.pn. and smectic	USPAT; US-PGPUB	2003/09/29 11:27
35	4	(smectic with compensat\$9) and ((surface adj active) or surfactant or dimethylsiloxane or (dimethyl adj siloxand))	USPAT; US-PGPUB	2003/09/29 11:29
36	292	(smectic same (additive or (surface adj active) or surfactant or dimethylsiloxane or (dimethyl adj siloxand)))	USPAT; US-PGPUB	2003/09/29 11:34
37	82	((smectic same (additive or (surface adj active) or surfactant or dimethylsiloxane or (dimethyl adj siloxand)))) and (((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.)))	USPAT; US-PGPUB	2003/09/29 11:30
38	21	((smectic same (additive or (surface adj active) or surfactant or dimethylsiloxane or (dimethyl adj siloxand)))) and (((427/508,512,553,558,384,385.5).CCLS.) ((427/162,163.1,164,165).CCLS.) ((427/355,368).CCLS.) ((427/402).CCLS.) ((428/1.1,1.2,1.21,1.25,1.26,1.27,1.28,1.3,1.32).CCLS.) ((252/299.3,299.4,299.5).CCLS.) ((349/96,104,105,106,113,117).CCLS.) ((349/191).CCLS.) ((349/124,126).CCLS.))) and (((align\$6 or orient\$6) near2 (coat\$3 or film or layer)) with (buff\$3 or rub or rubbed or rubbing))	USPAT; US-PGPUB	2003/09/29 11:35
39	99	<del>rubbed or rubbing</del> additive or (surface adj active) or surfactant or dimethylsiloxane or (dimethyl adj siloxand)))	EPO; JPO; DERWENT; IBM_TDB	2003/09/29 11:34
40	1	((smectic same (additive or (surface adj active) or surfactant or dimethylsiloxane or (dimethyl adj siloxand)))) and (((align\$6 or orient\$6) near2 (coat\$3 or film or layer)) with (buff\$3 or rub or rubbed or rubbing))	EPO; JPO; DERWENT; IBM_TDB	2003/09/29 11:40
41	2	"01244430"	EPO; JPO; DERWENT; IBM_TDB	2003/09/29 11:40

Day : Monday  
Date: 9/29/2003



Time: 08:33:41

**Inventor Name Search Result**

Your Search was:

Last Name = YOON

First Name = SUNG-HOE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">10076452</a>	Not Issued	030	02/19/2002	REFLECTIVE CHOLESTERIC LIQUID CRYSTAL DISPLAY DEVICE AND MANUFACTURING METHOD FOR THE SAME	YOON, SUNG-HOE
<a href="#">09893975</a>	Not Issued	030	06/29/2001	METHOD FOR MAKING AN OPTICAL FILM	YOON, SUNG-HOE

**Inventor Search Completed:** No Records to Display.

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>	
<input type="text" value="YOON"/>	<input type="text" value="SUNG HOE"/>	<input type="button" value="Search"/>

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Day : Monday  
Date: 9/29/2003 **PALM INTRANET**

Time: 08:35:31

**Inventor Name Search Result**

Your Search was:

Last Name = YOON

First Name = SUNGHOE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10607207</u>	Not Issued	020	06/27/2003	LIQUID CRYSTAL DISPLAY DEVICE USING CHOLESTERIC LIQUID CRYSTAL	YOON, SUNGHOE
<u>10321626</u>	Not Issued	030	12/18/2002	CHOLESTERIC LIQUID CRYSTAL (CLC) DISPLAY DEVICE AND METHOD FOR MANUFACTURING THE SAME	YOON, SUNGHOE
<u>10288445</u>	Not Issued	030	11/06/2002	LIQUID CRYSTAL DISPLAY DEVICE USING HOLOGRAPHIC DIFFUSER	YOON, SUNGHOE
<u>10175491</u>	Not Issued	040	06/20/2002	LIQUID CRYSTAL DISPLAY DEVICE USING CHOLESTERIC LIQUID CRYSTAL AND A MANUFACTURING METHOD THEREOF	YOON, SUNGHOE
<u>10073888</u>	Not Issued	041	02/14/2002	REFLECTIVE LIQUID CRYSTAL DISPLAY DEVICE USING A CHOLESTERIC LIQUID CRYSTAL COLOR FILTER	YOON, SUNGHOE
<u>10026483</u>	Not Issued	041	12/27/2001	REFLECTIVE LIQUID CRYSTAL DISPLAY DEVICE	YOON, SUNGHOE
<u>10026473</u>	Not Issued	041	12/27/2001	REFLECTIVE CHOLESTERIC LIQUID CRYSTAL DISPLAY DEVICE AND MANUFACTURING METHOD FOR THE SAME	YOON, SUNGHOE
<u>09893452</u>	Not Issued	071	06/29/2001	REFLECTIVE LIQUID CRYSTAL DISPLAY DEVICE HAVING CHOLESTERIC LIQUID CRYSTAL COLOR FILTER AND METHOD OF FABRICATING THE SAME	YOON, SUNGHOE

**Inventor Search Completed: No Records to Display.****Last Name****First Name**

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YOON

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